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mm), if the lowest portion of the fixture is a minimum of 29 inches (740 mm) above the floor, provided such fixtures do not interfere with access to the water closet. Fold-down or retractable seats or shelves may overlap the clear floor space at a lower height provided they can be easily folded up or moved out of the way.

(b) The height of the water closet should be 17 inches (430 mm) to 19 inches (485 mm) measured to the top of the toilet seat. Seats should not be sprung to return to a lifted position.

(c) A grab bar at least 24 inches (610 mm) long should be mounted behind the water closet, and a horizontal grab bar at least 40 inches (1015 mm) long should be mounted on at least one side wall, with one end not more than 12 inches (305 mm) from the back wall, at a height between 33 inches (840 mm) and 36 inches (915 mm) above the floor.

(d) Faucets and flush controls should be operable with one hand and should not require tight grasping, pinching, or twisting of the wrist. The force required to activate controls should be no greater than 5 lbs (22.2 N). Controls for flush valves should be mounted no more than 44 inches (1120 mm) above the floor.

(e) Doorways on the end of the enclosure, opposite the water closet, should have a minimum clear opening width of 32 inches (815 mm). Door latches and hardware should be operable with one hand and should not require tight grasping, pinching, or twisting of the wrist.

(2) Accessible restrooms should be in close proximity to at least one seating location for persons using mobility aids and should be connected to such a space by an unobstructed path having a minimum width of 32 inches (815 mm).

C. Visibility Through a Window

Care should be taken so that the lift does not obscure the vision of the person occupying the securement position.

[56 FR 45558, Sept. 6, 1991, as amended at 63 FR 51702, Sept. 28, 1998]

PART 1193—TELECOMMUNICATIONS ACT ACCESSIBILITY GUIDELINES

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APPENDIX TO PART 1193—ADVISORY GUIDANCE

AUTHORITY: 47 U.S.C. 255(e).

SOURCE: 63 FR 5630, Feb. 3, 1998, unless otherwise noted.

Subpart A—General

§ 1193.1 Purpose.

This part provides requirements for accessibility, usability, and compatibility of telecommunications equipment and customer premises equipment covered by the Telecommunications Act of 1996 (47 U.S.C. 255).

§ 1193.2 Scoping.

This part provides requirements for accessibility, usability, and compatibility of new products and existing products which undergo substantial change or upgrade, or for which new releases are distributed. This part does not apply to minor or insubstantial changes to existing products that do not affect functionality.

§ 1193.3 Definitions.

Terms used in this part shall have the specified meaning unless otherwise stated. Words, terms and phrases used in the singular include the plural, and use of the plural includes the singular.

Accessible. Telecommunications equipment or customer premises equipment which comply with the requirements of subpart C of this part.

Alternate formats. Alternate formats may include, but are not limited to, Braille, ASCII text, large print, and audio cassette recording.

Alternate modes. Different means of providing information to users of products including product documentation and information about the status or operation of controls. Examples of alternate modes may include, but are not limited to, voice, fax, relay service, TTY, Internet posting, captioning, text-to-speech synthesis, and video description.

Compatible. Telecommunications equipment or customer premises equipment which comply with the requirements of subpart D of this part.

Customer premises equipment. Equipment employed on the premises of a person (other than a carrier) to originate, route, or terminate telecommunications.

Manufacturer. A manufacturer of telecommunications equipment or customer premises equipment that sells to the public or to vendors that sell to the public; a final assembler.

Peripheral devices. Devices employed in connection with telecommunications equipment or customer premises equipment to translate, enhance, or otherwise transform telecommunications into a form accessible to individuals with disabilities.

Product. Telecommunications equipment or customer premises equipment.

Readily achievable. Easily accomplishable and able to be carried out without much difficulty or expense.

Specialized customer premises equipment. Equipment, employed on the premises of a person (other than a carrier) to originate, route, or terminate telecommunications, which is commonly used by individuals with disabilities to achieve access.

Telecommunications. The transmission, between or among points specified by the user, of information of the user's choosing, without change in the form or content of the information as sent and received.

Telecommunications equipment. Equipment, other than customer premises equipment, used by a carrier to provide telecommunications services, and includes software integral to such equipment (including upgrades).

Telecommunications service. The offering of telecommunications for a fee directly to the public, or to such classes of users as to be effectively available directly to the public, regardless of the facilities used.

TTY. An abbreviation for teletypewriter. Machinery or equipment that employs interactive text based communications through the transmission of coded signals across the standard telephone network. TTYs can include, for example, devices known as TDDs (telecommunication display devices or telecommunication devices for deaf persons) or computers with special modems. TTYs are also called text telephones.

Usable. Means that individuals with disabilities have access to the full functionality and documentation for the product, including instructions, product information (including accessible feature information), documentation, and technical support functionally equivalent to that provided to individuals without disabilities.

Subpart B—General Requirements

§ 1193.21 Accessibility, usability, and compatibility.

Where readily achievable, telecommunications equipment and customer premises equipment shall comply with the requirements of subpart C of this part. Where it is not readily achievable to comply with subpart C of this part, telecommunications equipment and customer premises equipment shall comply with the requirements of subpart D of this part, if readily achievable.

§ 1193.23 Product design, development, and evaluation.

(a) Manufacturers shall evaluate the accessibility, usability, and compatibility of telecommunications equipment and customer premises equipment and shall incorporate such evaluation throughout product design, development, and fabrication, as early and consistently as possible. Manufacturers shall identify barriers to accessibility and usability as part of such a product design and development process.